

Fig. 1

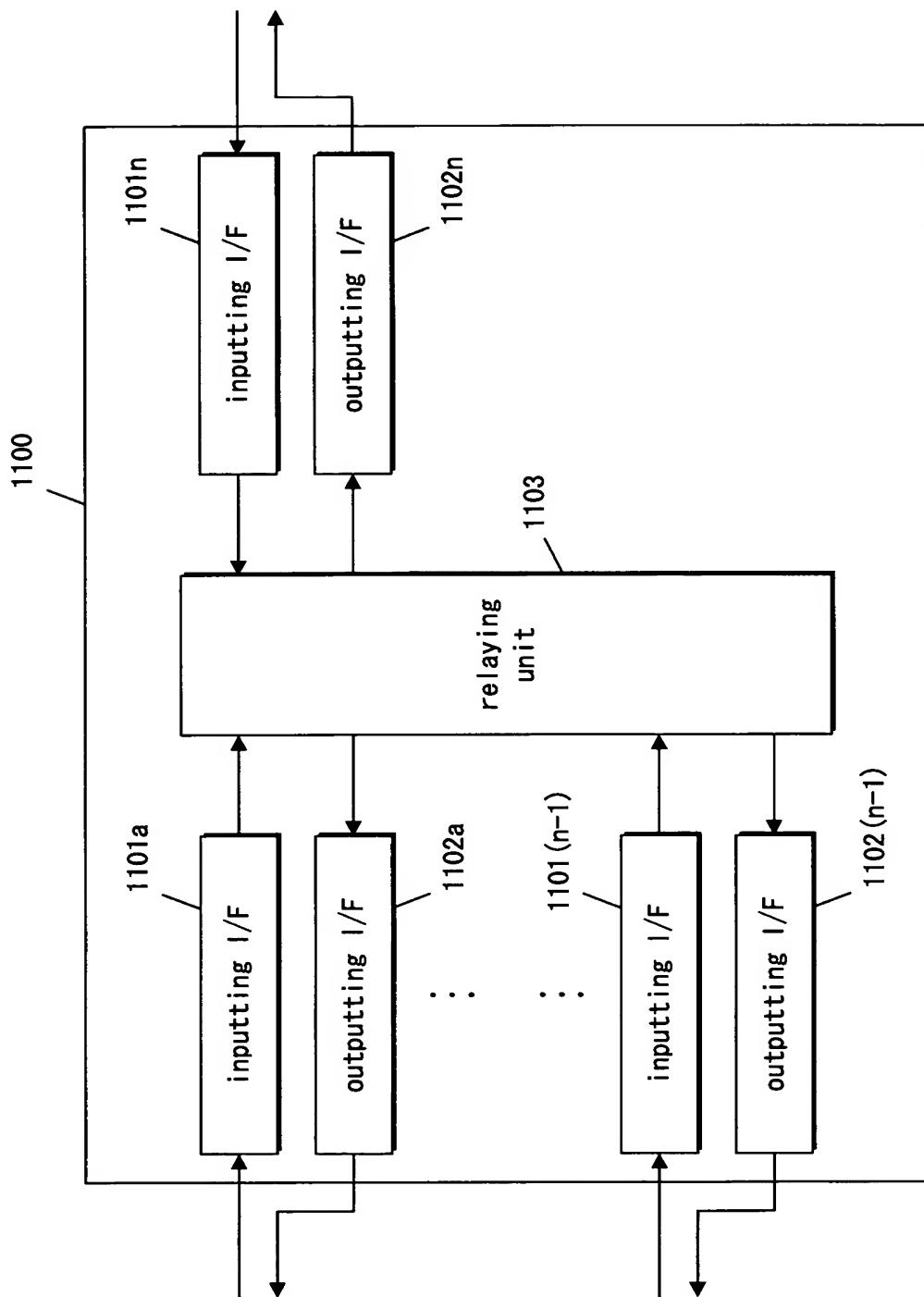


Fig. 2

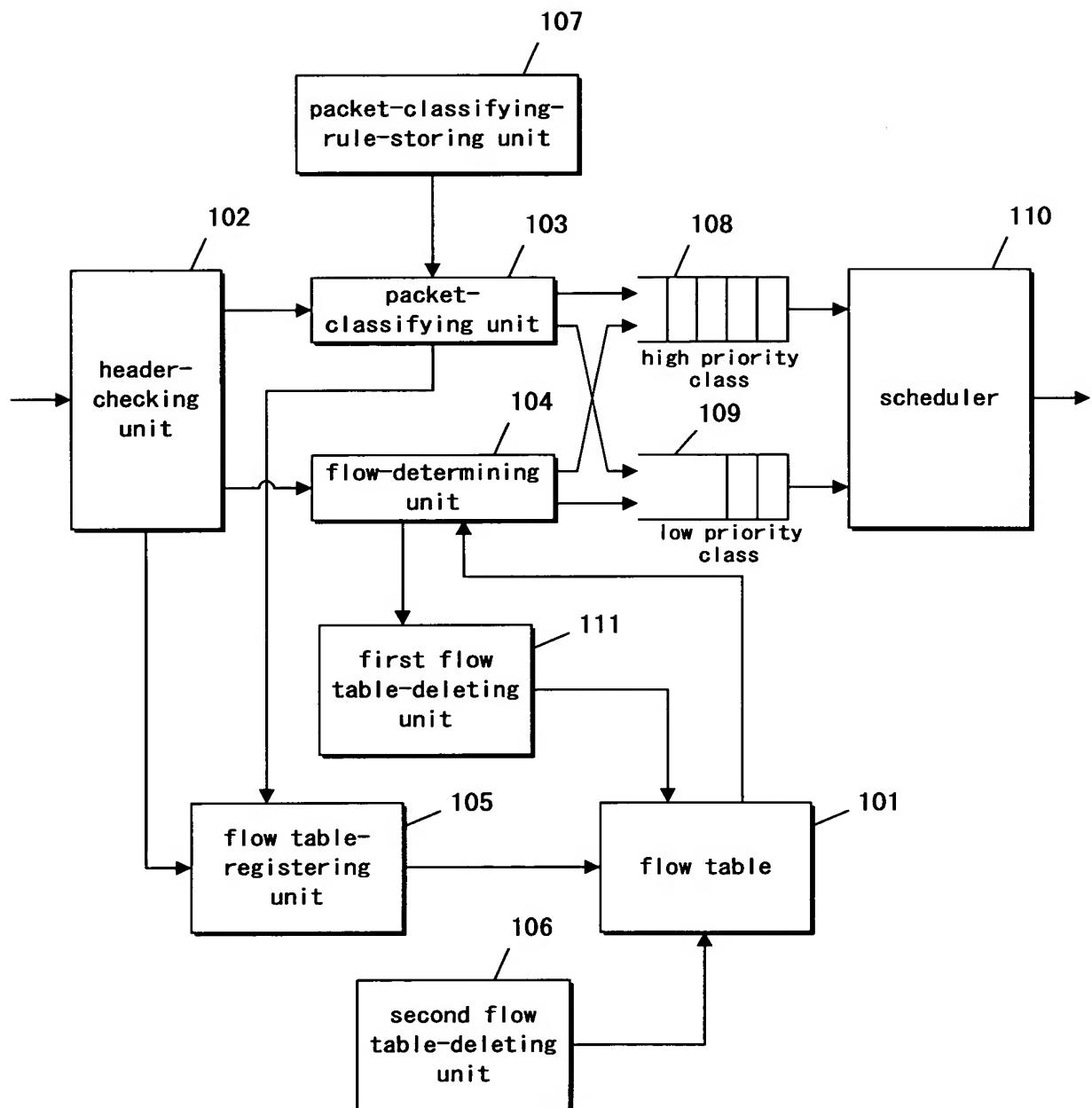


Fig. 3

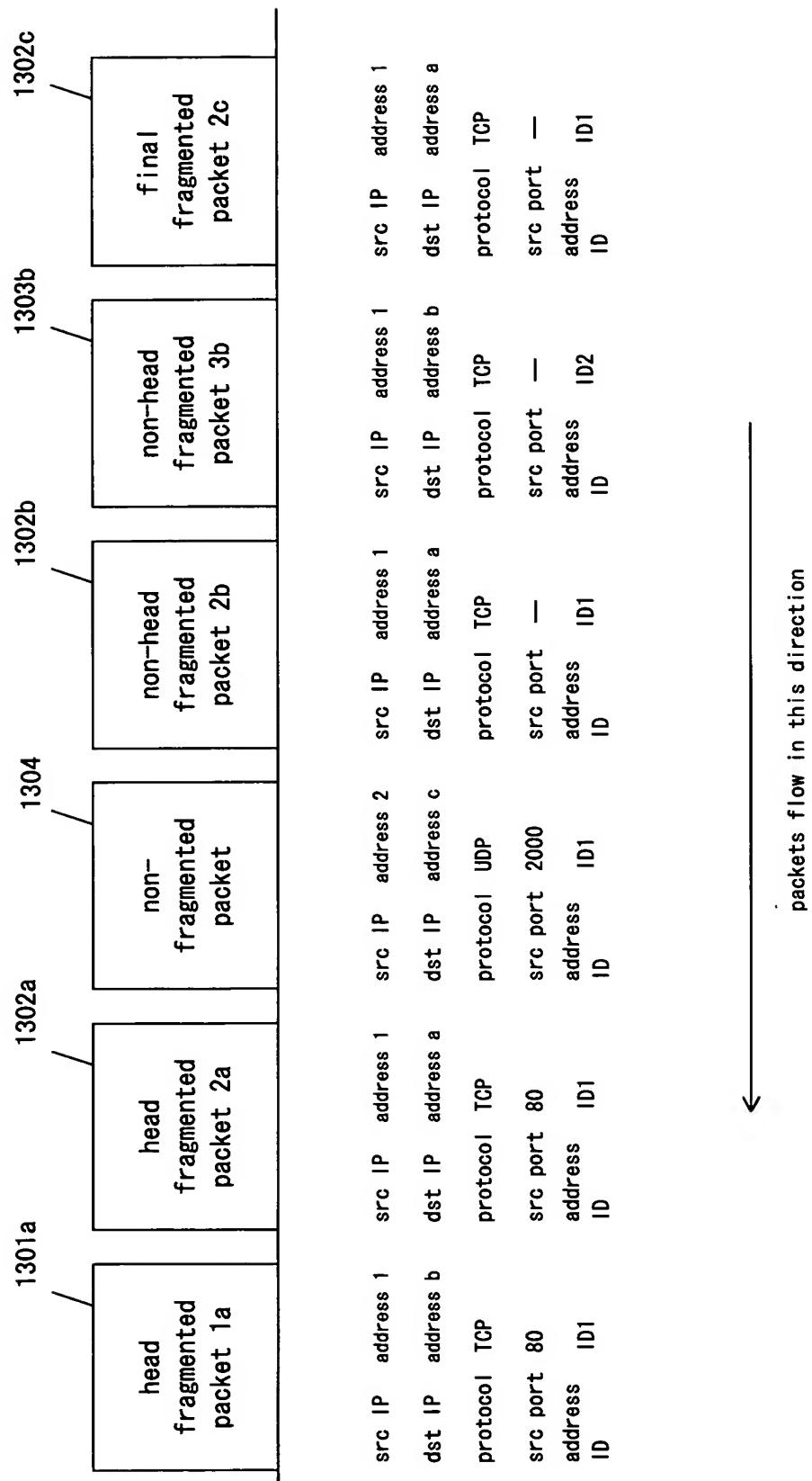


Fig. 4

destination IP address	source IP address	TCP/UDP	destination port number	source port number	class
address 1	address a	TCP	80	—	high
address a	address 1	TCP	—	80	high
address 2	address c	UDP	2000	—	high
address b	address 1	TCP	—	80	low
:	:	:	:	:	:
:	:	:	:	:	:
:	:	:	:	:	:

Fig. 5(a)

1401

destination IP address	source IP address	TCP/UDP	address ID	class
address b	address 1	TCP	ID1	low
address a	address 1	TCP	ID1	high

1401a

1401b

Fig. 5(b)

1402

destination IP address	source IP address	TCP/UDP	address ID	class
address b	address 1	TCP	ID1	low

1402b

Fig. 5(c)

1403

destination IP address	source IP address	TCP/UDP	address ID	class
address c	address 2	UDP	2001	high

1403c

Fig. 6

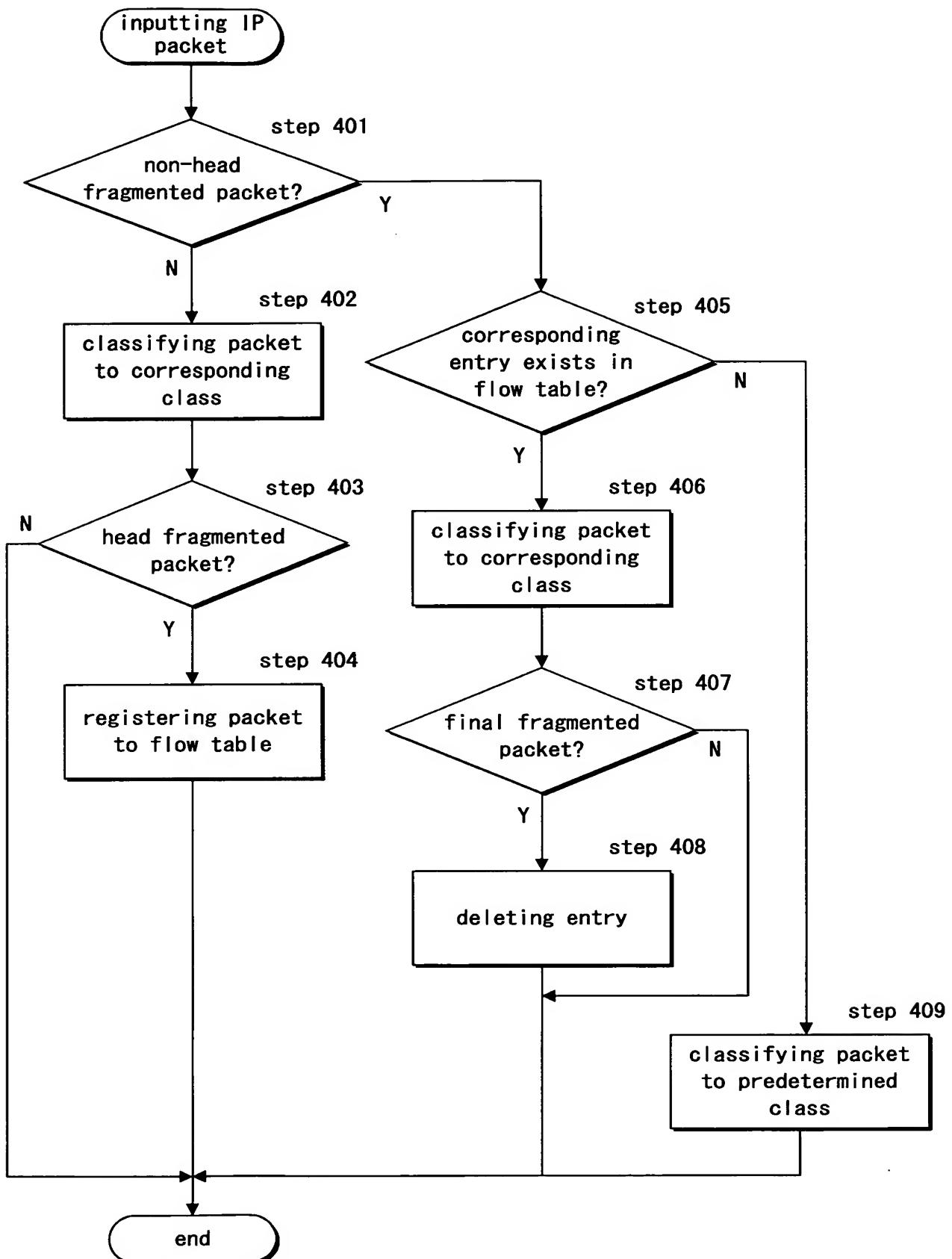


Fig. 7

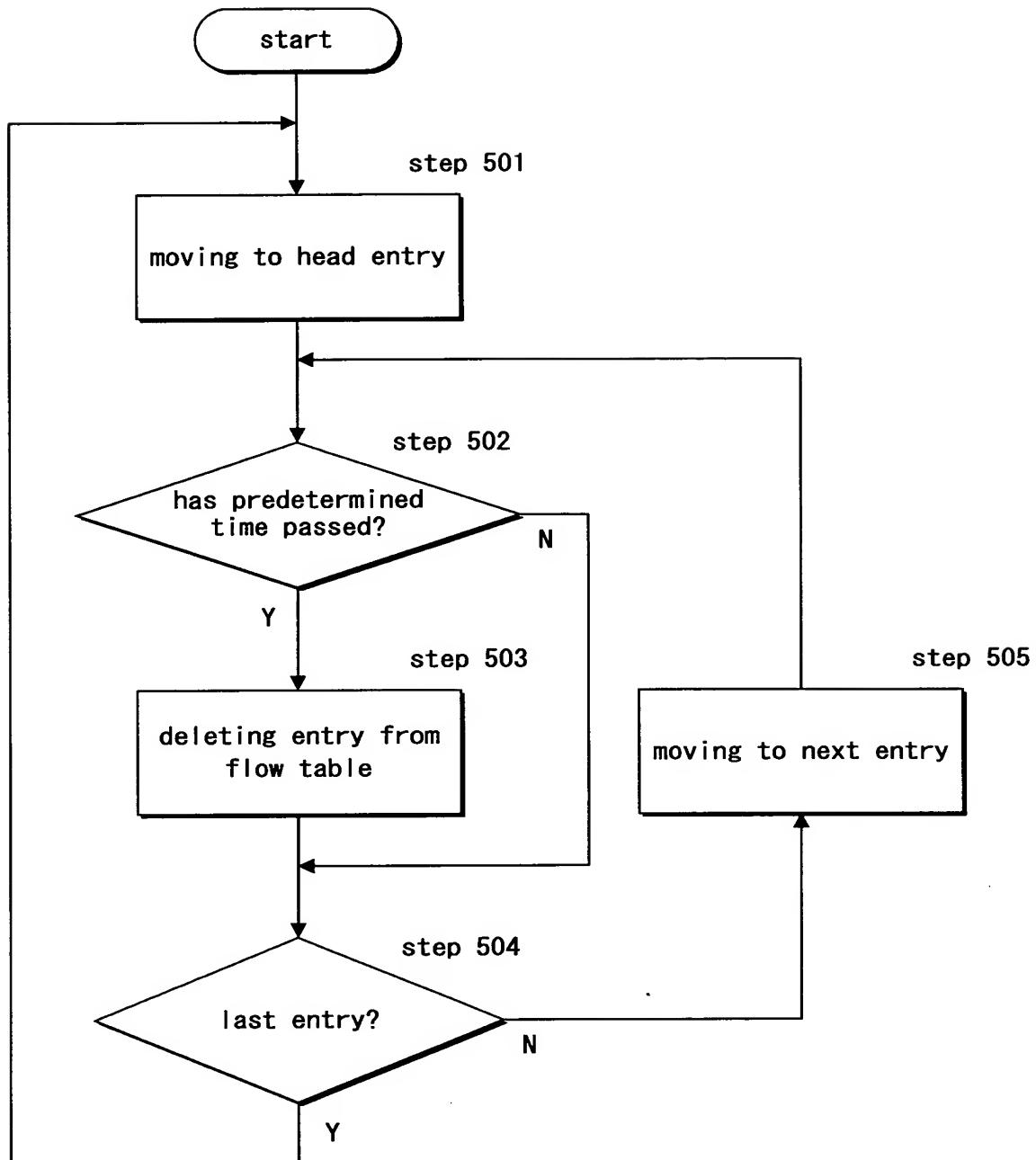


Fig. 8

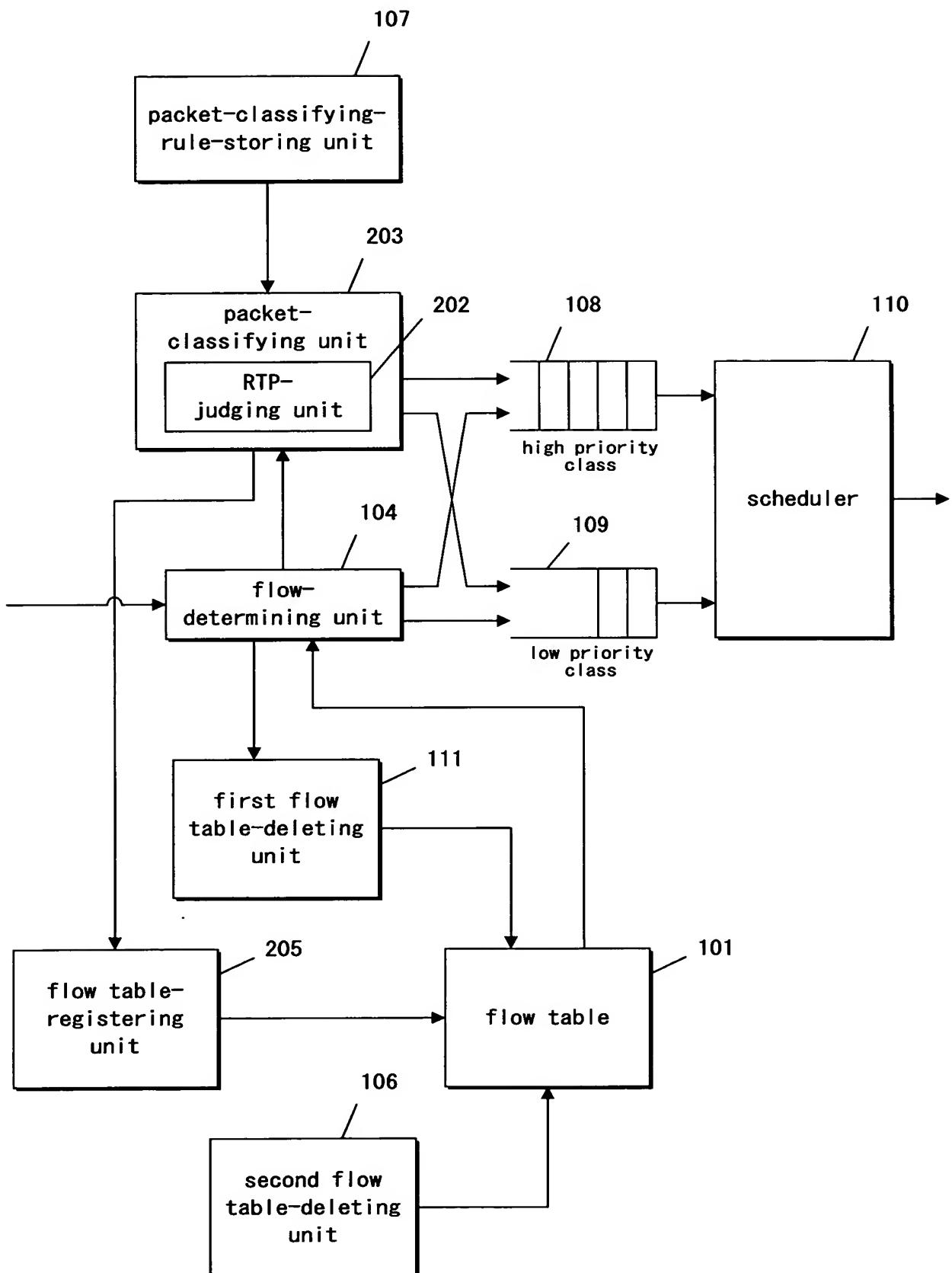


Fig. 9

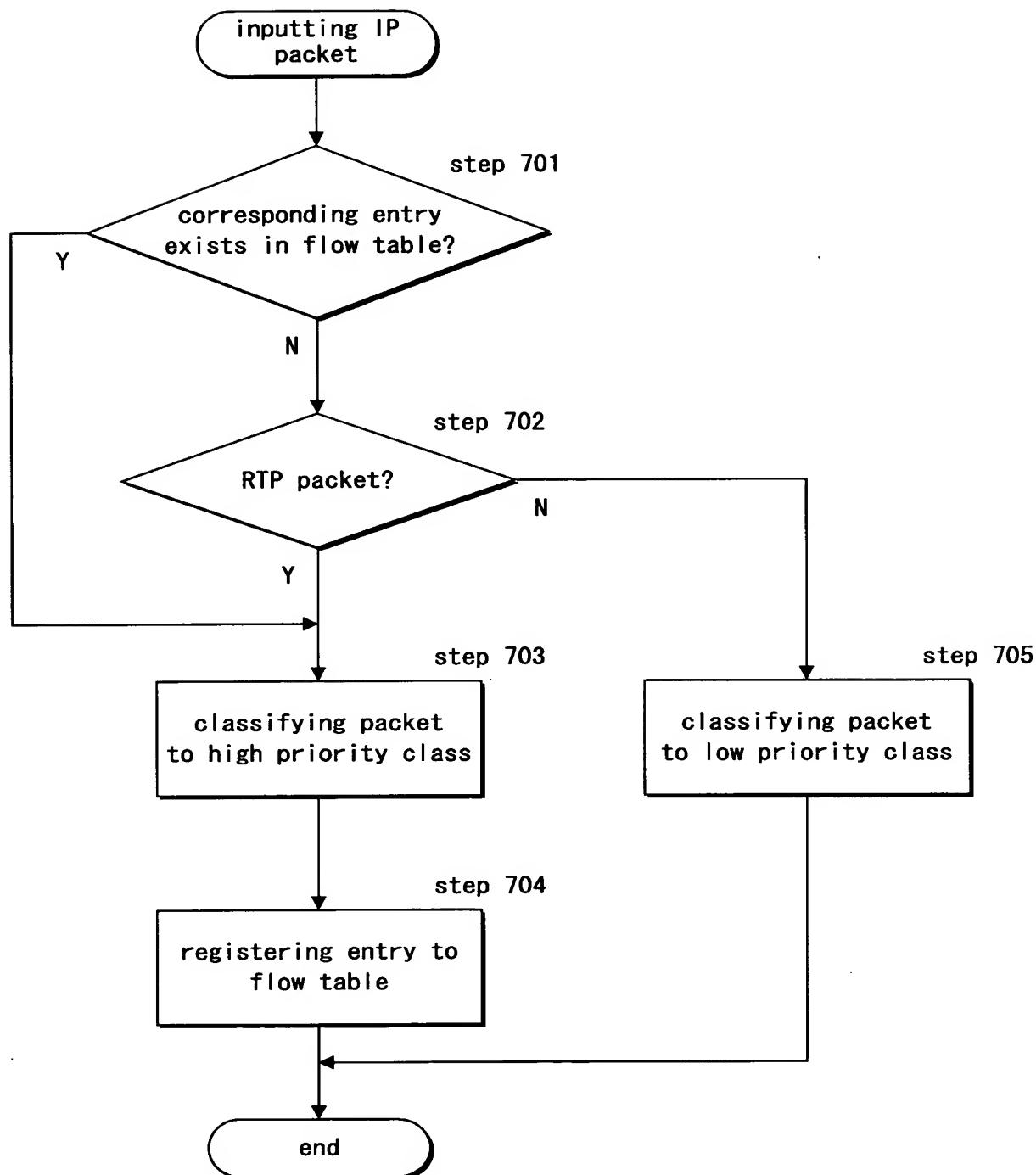


Fig. 10

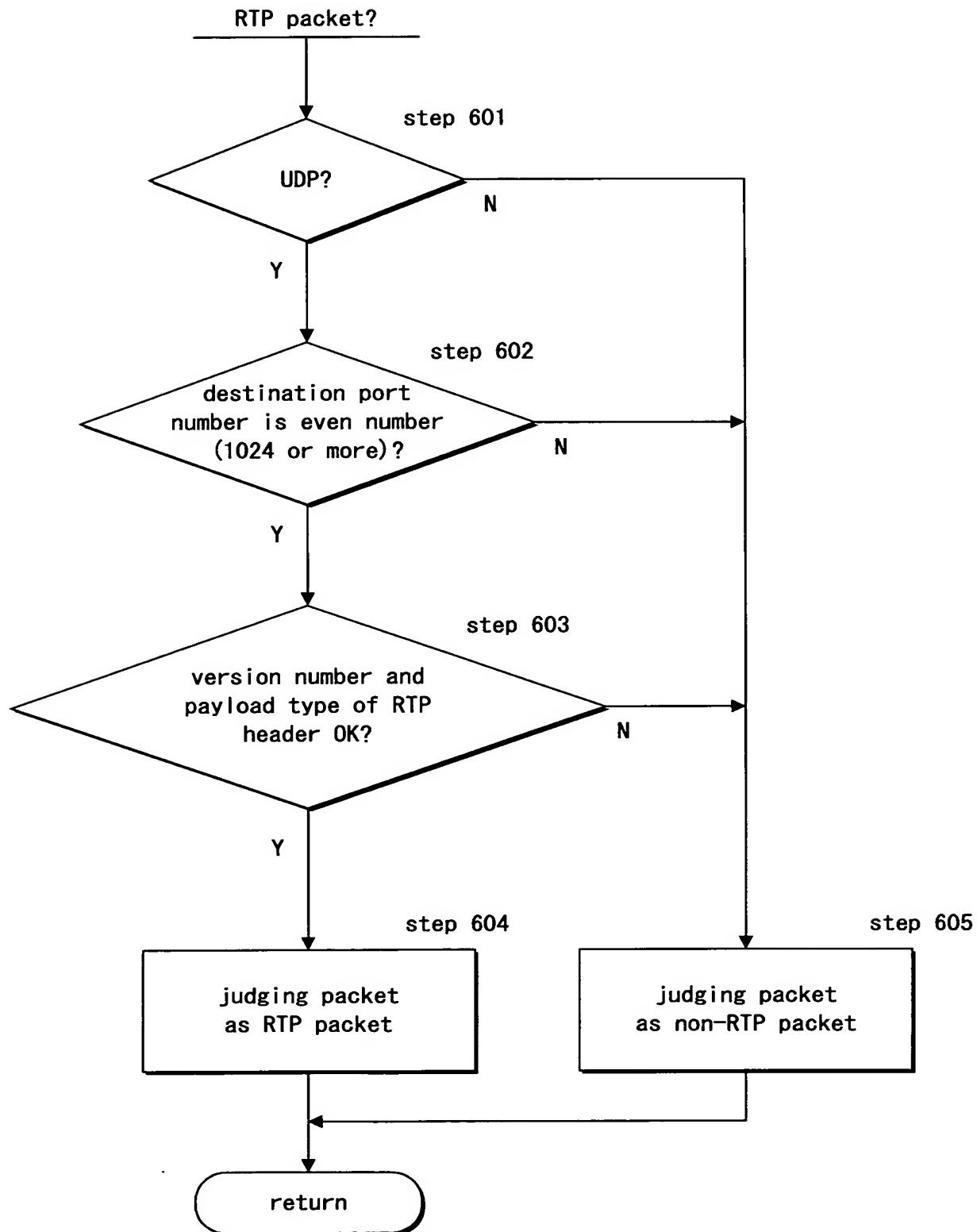


Fig. 11

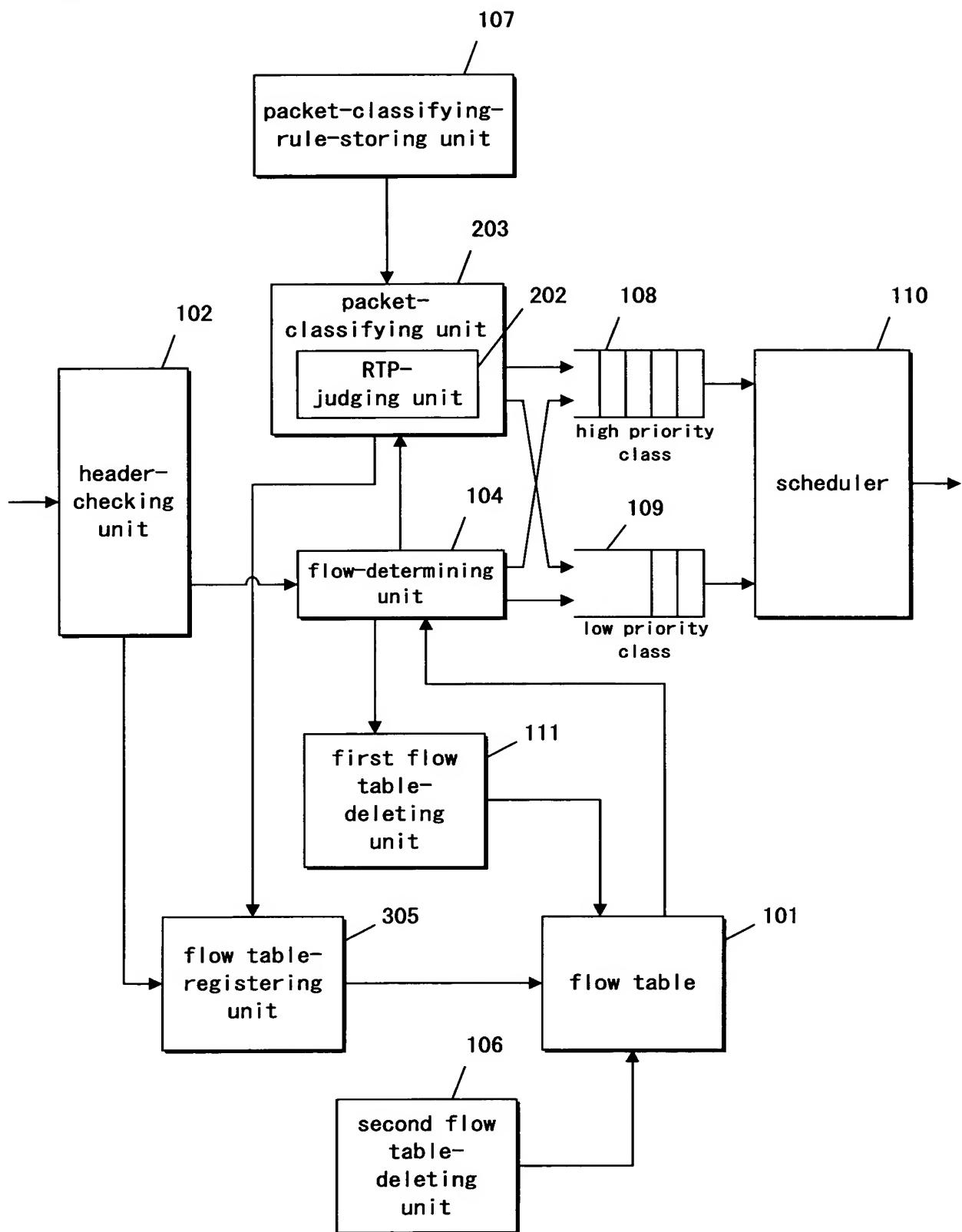
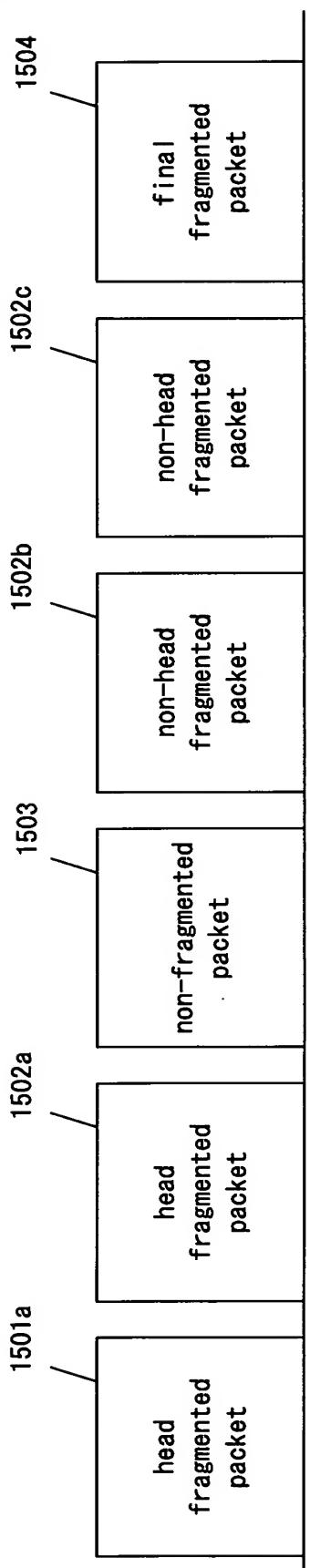


Fig. 12



src IP	address 1	src IP	address 2	src IP	address 1	src IP	address 1	src IP	address 1
dst IP	address a	dst IP	address c	dst IP	address a	dst IP	address a	dst IP	address a
protocol	TCP	protocol	UDP	protocol	UDP	protocol	UDP	protocol	UDP
src port	80	src port	2000	src port	3000	src port	—	src port	2001
address	ID1	address	ID1	address	ID1	address	ID1	address	ID3
ID	ID								

packets flow in this direction

Fig. 13 (a)

1601

destination IP address	source IP address	TCP/UDP	address ID	destination port number	class
address a	address 1	UDP	ID1	—	high
address a	address 1	UDP	—	2001	high
address c	address 2	UDP	—	3001	high

1601a
1601b
1601c

Fig. 13 (b)

1602

destination IP address	source IP address	TCP/UDP	address ID	destination port number	class
address a	address 1	UDP	—	2001	high
address c	address 2	UDP	—	3001	high

1601b
1601c

Fig. 14

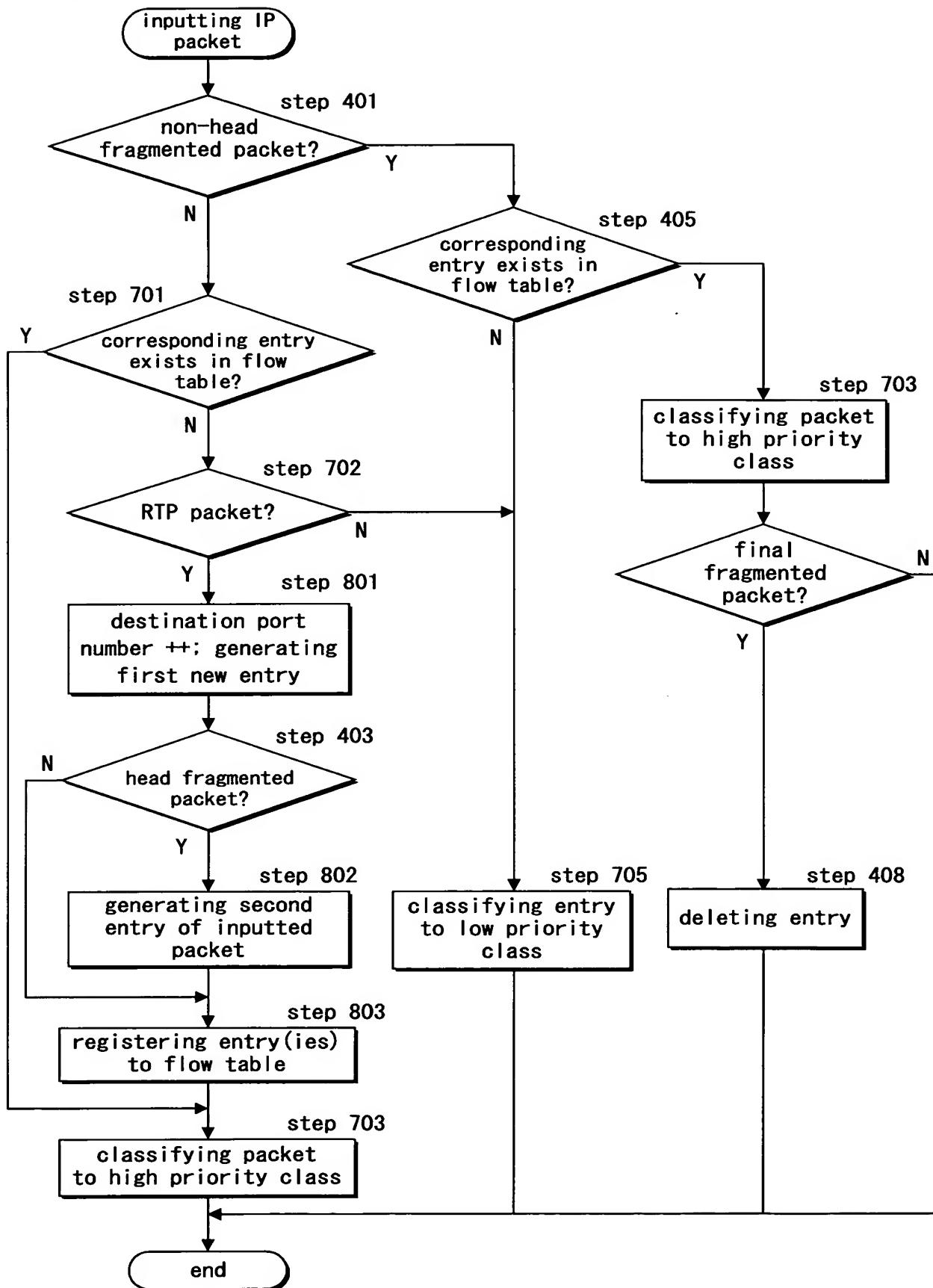


Fig. 15

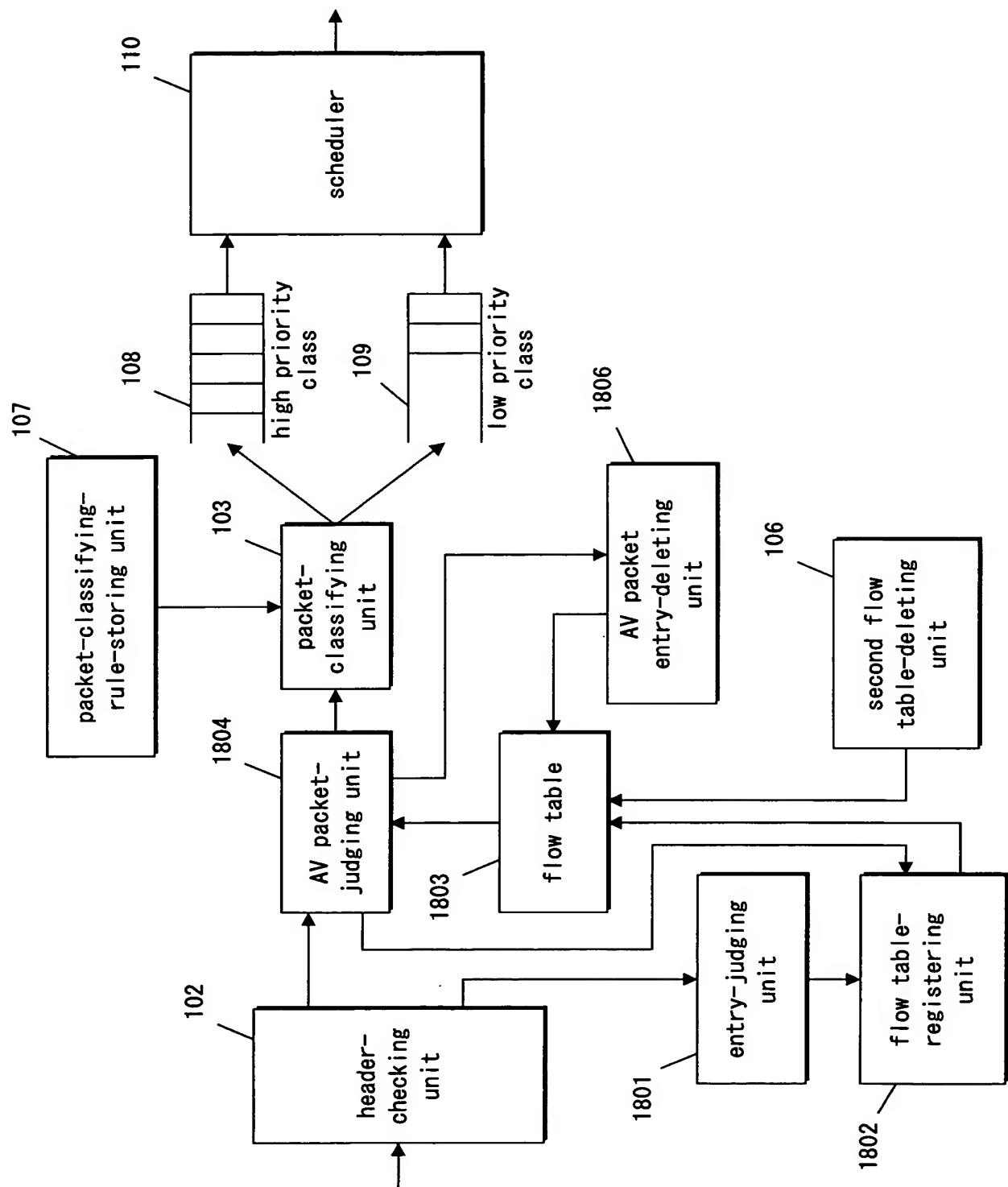


Fig. 16(a)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2101		6	80	1079	10	—	—	Yes	0

Fig. 16(b)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2102		17	3000	4000	20	1	500	No	0

Fig. 16(c)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2103		17	3000	4000	30	2	500	No	2

Fig. 16(d)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2104		17	3000	4000	100	499	500	No	900

Fig. 16(e)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2105		17	3000	4000	110	500	500	Yes	0

Fig. 16(f)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2106		17	2000	3000	10	1	30	No	0

Fig. 16(g)

destination IP address	source IP address	protocol	destination port number	source port number	address ID	packet number	threshold	judgment result	entry time
2107		17	3000	4000	20	2	500	No	2

Fig. 17

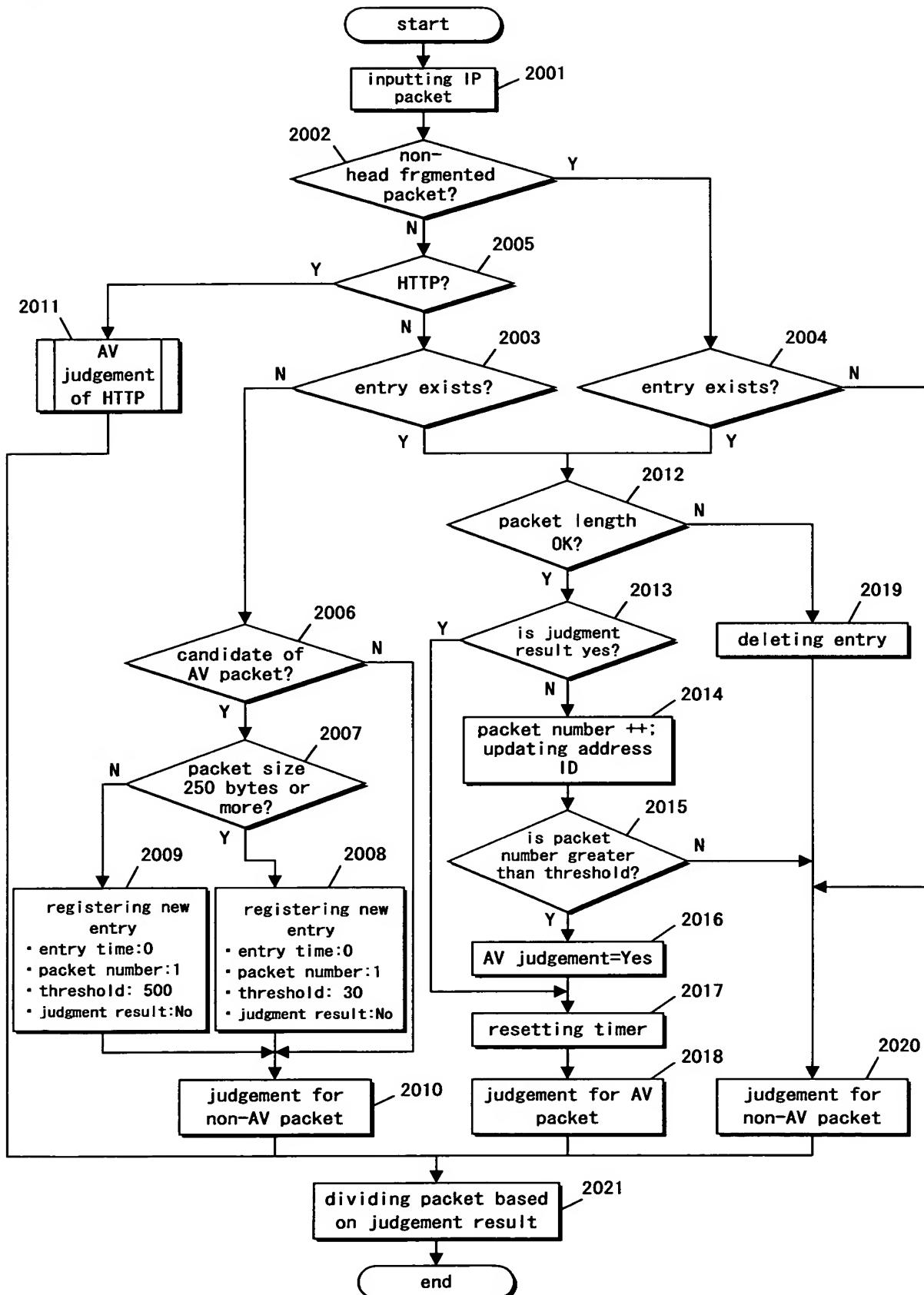


Fig. 18

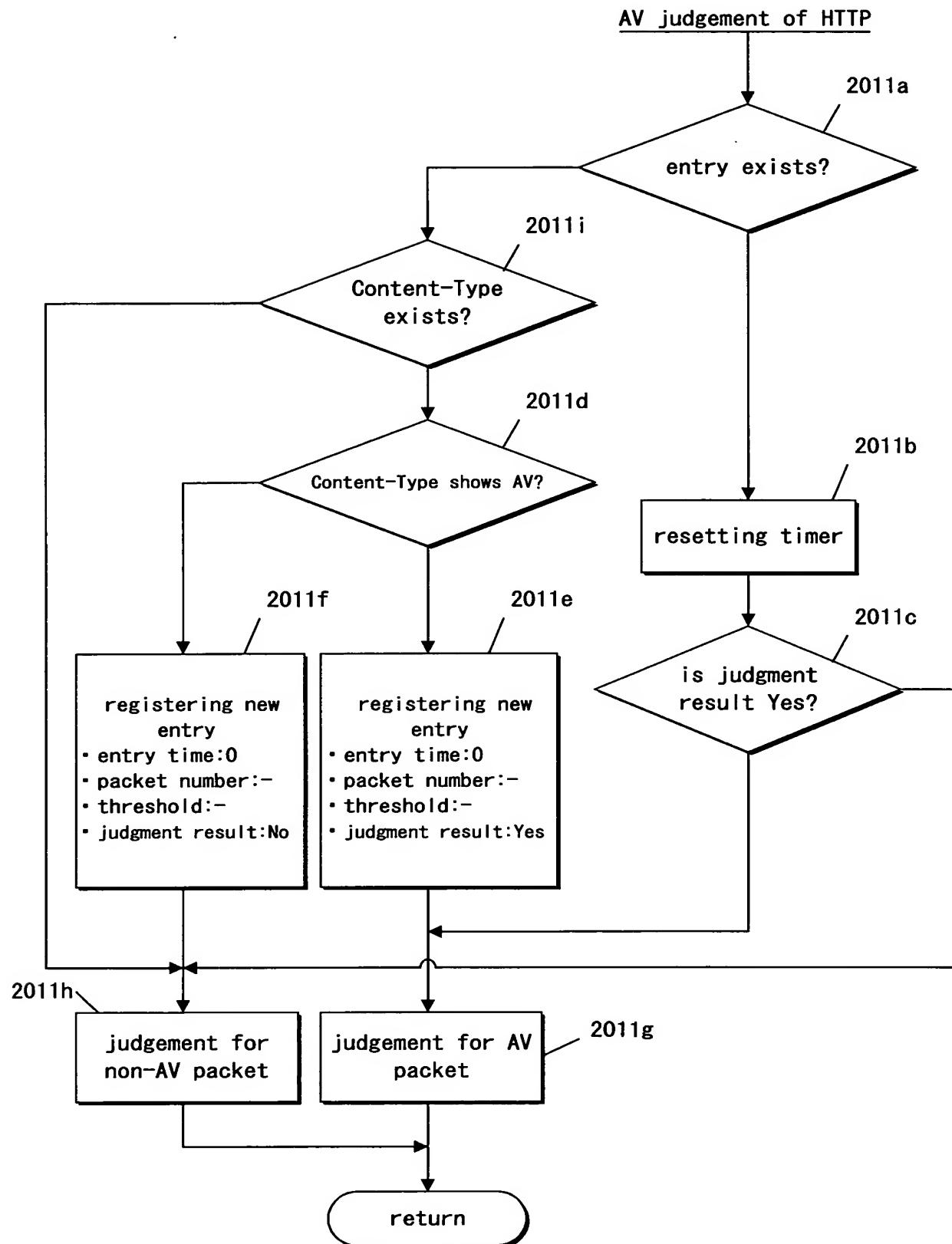


Fig. 19

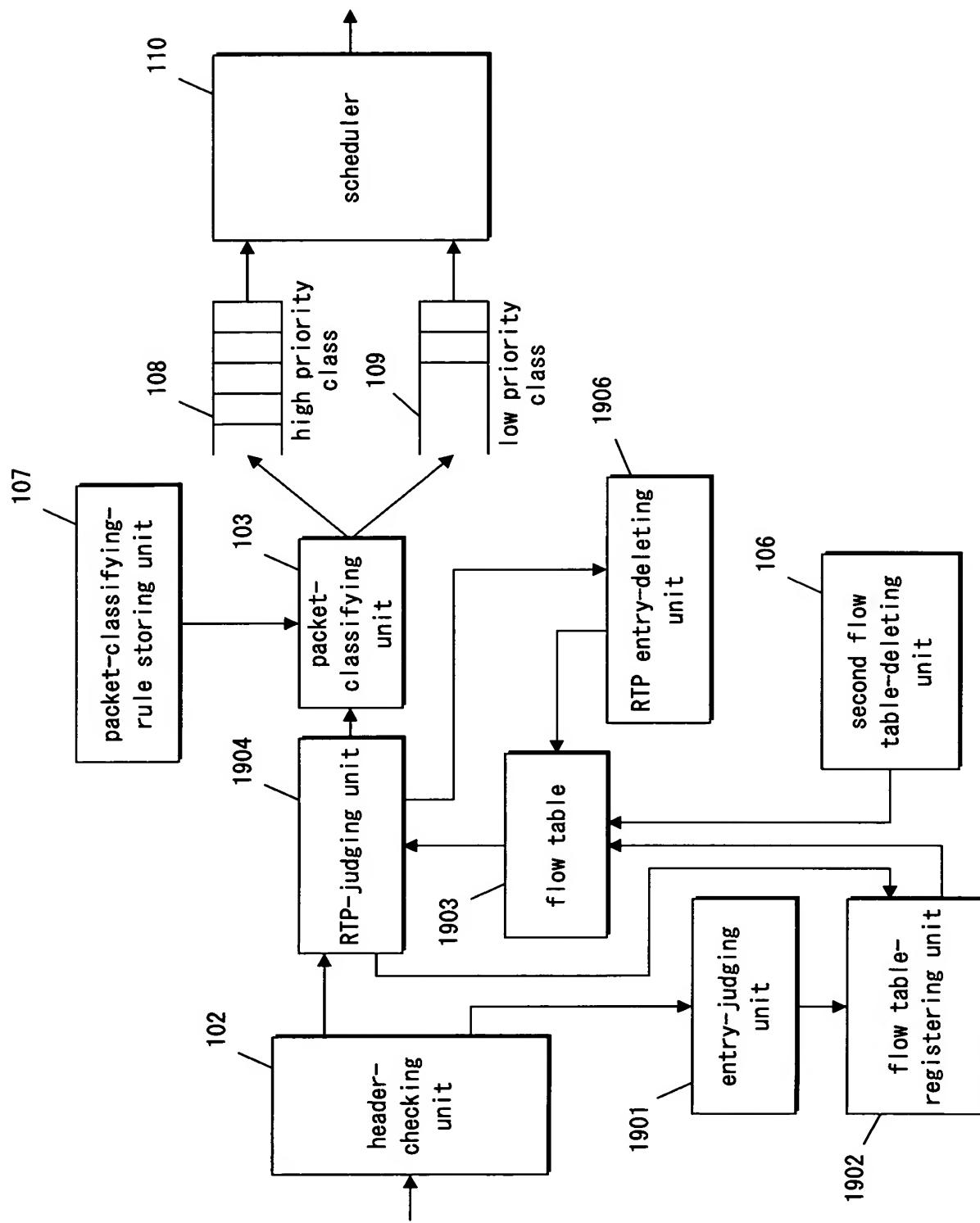


Fig. 20 (a)

source IP address	destination IP address	protocol	destination port number	source port number	address ID	payload type	SSRC	packet number	threshold	judgment result	entry time
2301	address 1	address a	17	2000	2000	10	31	1000	1	500	No 0

Fig. 20 (b)

source IP address	destination IP address	protocol	destination port number	source port number	address ID	payload type	SSRC	packet number	threshold	judgment result	entry time
2302	address 1	address a	17	2000	2000	20	31	1000	2	500	No 5

Fig. 20 (c)

source IP address	destination IP address	protocol	destination port number	source port number	address ID	payload type	SSRC	packet number	threshold	judgment result	entry time
2303	address 1	address a	17	2000	2000	100	31	1000	499	500	No 800

Fig. 20 (d)

source IP address	destination IP address	protocol	destination port number	source port number	address ID	payload type	SSRC	packet number	threshold	judgment result	entry time
2304	address 1	address a	17	2000	2000	200	31	1000	500	500	Yes 0

Fig. 21

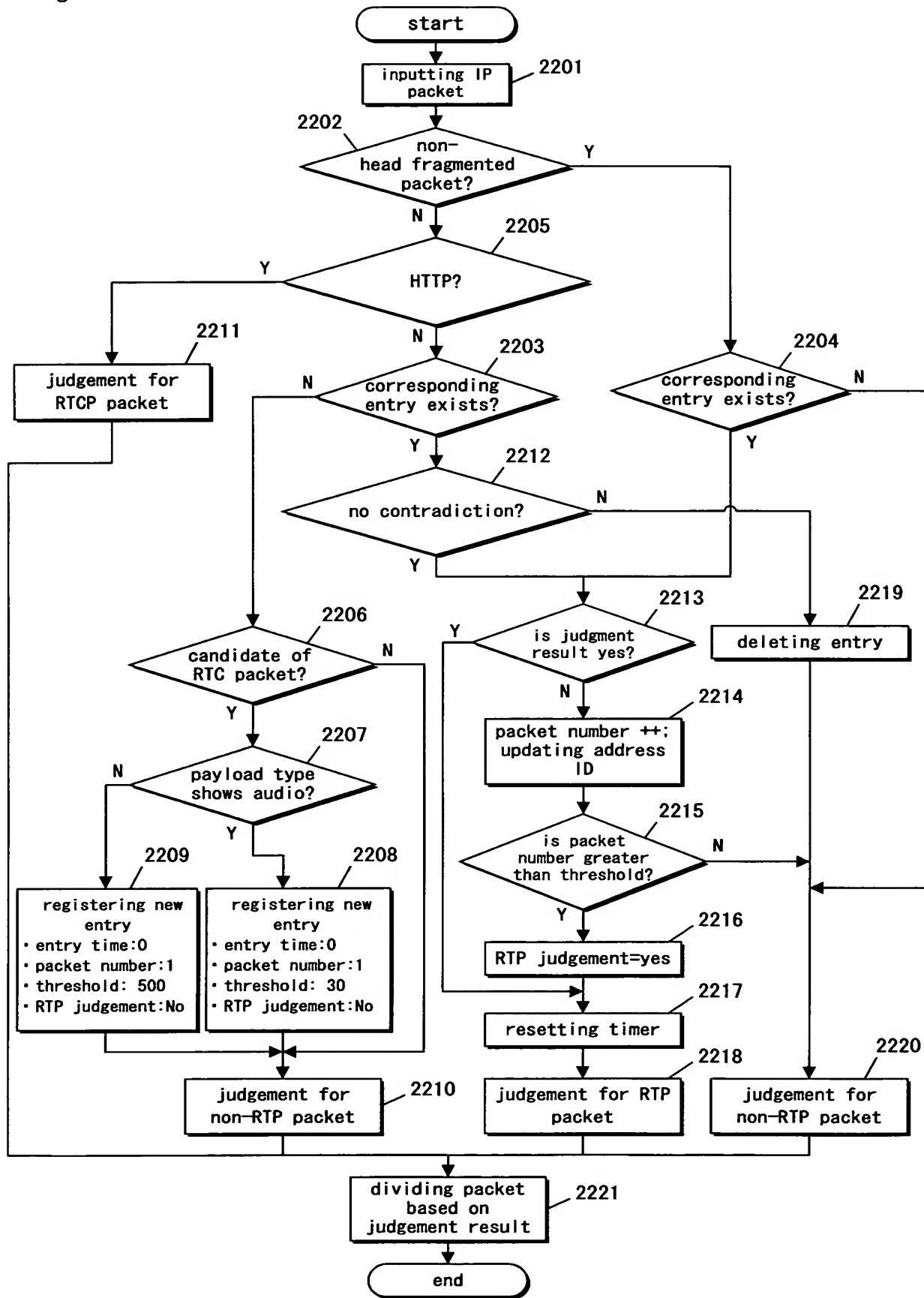


Fig. 22(a)

- AV data should be processed with the high priority
- Web data should be processed with the high priority
- E-mail should be processed with the high priority

Fig. 22(b)

- An IP packet containing an HTTP packet should be processed with the high priority
- An IP packet containing an SMTP packet should be processed with the high priority
- An IP packet containing an RTP packet should be processed with the high priority
- An IP packet containing an RTCP packet should be processed with the high priority

Fig. 23

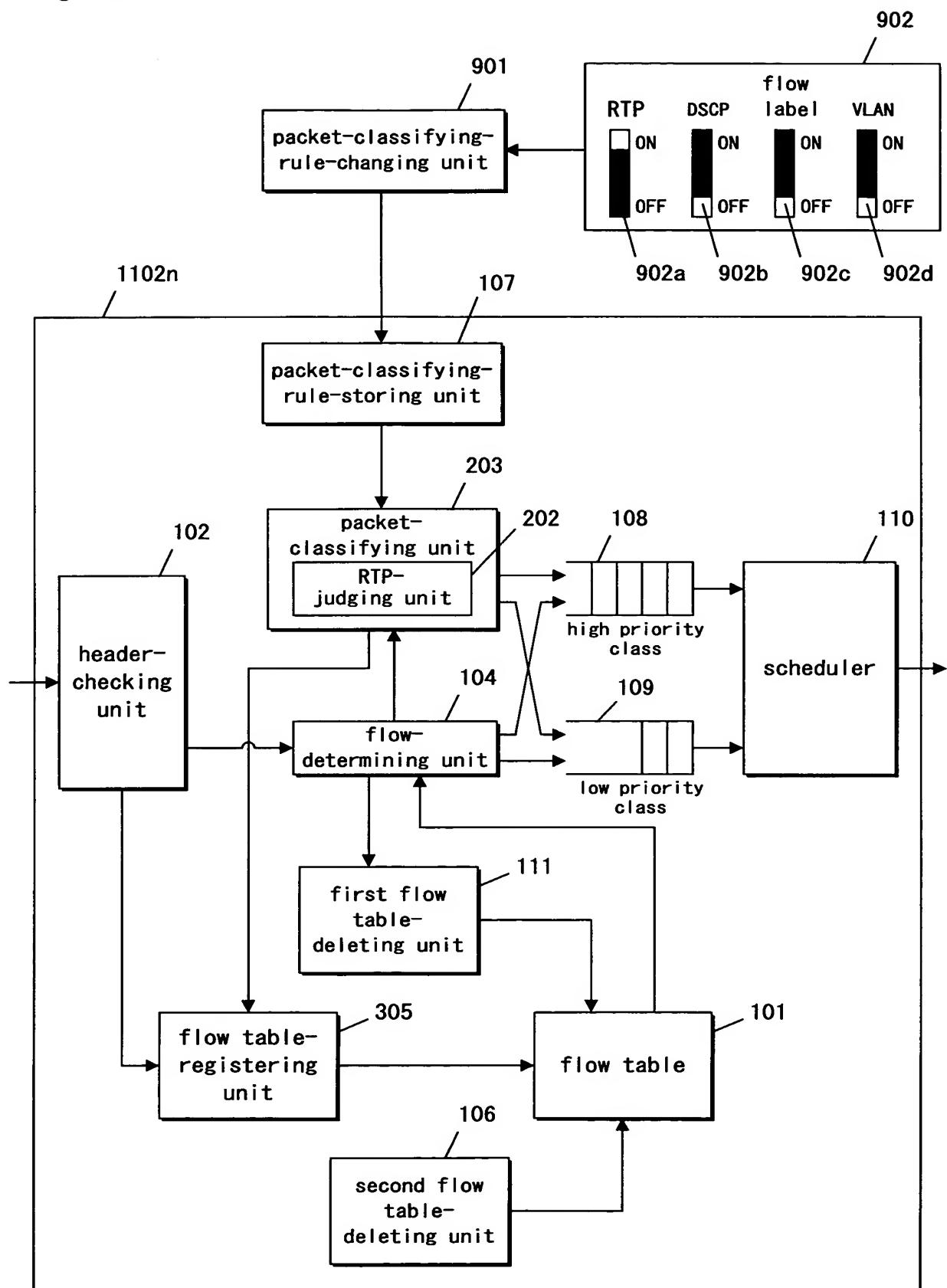


Fig. 24(a)

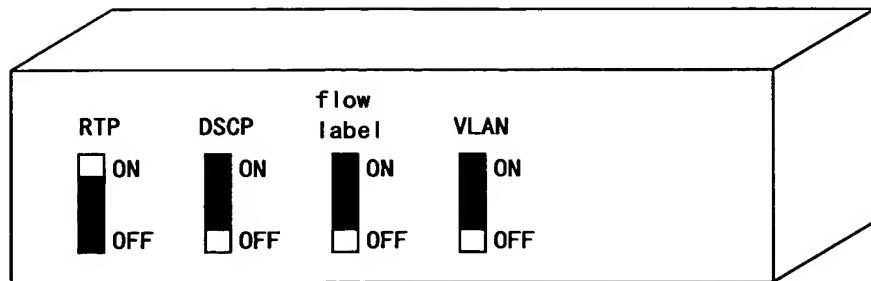


Fig. 24(b)

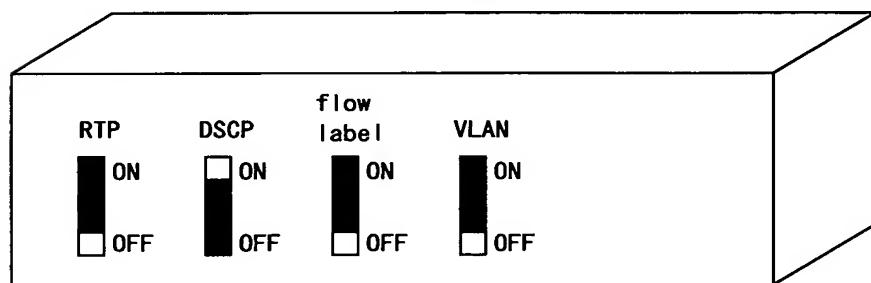


Fig. 25(a)

- An IP packet containing a RTP packet should be processed with the high priority
- An IP packet whose DSCP is greater than zero should be processed with the high priority
- An IP packet whose flow label is greater than zero should be processed with the high priority
- An IP packet whose priority is greater than zero should be processed with the high priority. The priority is set to a VLAN tag of the packet.

Fig. 25(b)

- An IP packet containing a RTP packet should be processed with the high priority
- An IP packet whose DSCP is greater than zero should be processed with the high priority
- An IP packet whose flow label is greater than zero should be processed with the high priority
- An IP packet whose priority is greater than zero should be processed with the high priority. The priority is set to a VLAN tag of the packet.